Form 3:160-5 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

5.	Lease Serial No.
	NMNM89819
6	If Indian Allottee or Tribe Name

SUNDRY	NMNM89819  6. If Indian, Allottee or Tribe Name							
Do not use thi abandoned we								
SUBMIT IN TRI	7. If Unit or CA/Agree	ment, Name and/or No.						
Type of Well     ☐ Gas Well ☐ Oth	8. Well Name and No. PATTON MDP1 1	B FEDERAL 6H						
Name of Operator     OXY USA INC.		9. API Well No. 30-015-43854						
3a. Address P.O. BOX 50250 MIDLAND, TX 79710	)	10. Field and Pool, or Exploratory WOLFCAMP						
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)				11. County or Parish, and State			
Sec 18 T24S R31E NENE 150 32.224057 N Lat, 103.809539					EDDY COUNTY, NM			
12. CHECK APPR	ROPRIATE BOX(ES) TO IN	DICATE NA	TURE OF 1	NOTICE, RI	EPORT, OR OTHER	R DATA		
TYPE OF SUBMISSION			TYPE O	F ACTION				
☐ Notice of Intent	☐ Acidize	□ Deepen		☐ Product	ion (Start/Resume)	☐ Water Shut-Off		
_	☐ Alter Casing	☐ Fracture	Treat	☐ Reclama	ation	☐ Well Integrity		
☑ Subsequent Report	☐ Casing Repair	☐ New Cor		☐ Recomp		☑ Other Drilling Operations		
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug and		-	arily Abandon	Diming Operations		
13. Describe Proposed or Completed Ope	☐ Convert to Injection	Plug Bac		☐ Water D				
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)  8/18/16 drill 13-1/2" hole to 4300', 8/20/16. RIH & set 10-3/4" 45.5# J-55 csg @ 4290', pump 40BFW spacer w/ red dye then cmt w/ 1320sx (440bbl) PPC w/ additives 12.9ppg 1.87 yield followed by 370sx (88bbl) PPC w/ additives 14.8ppg, 1.33 yield, no cmt to surface. 8/21/16, Notified BLM of no cmt to surface & intent to run temp survey. 8/22/16 RIH w/ temp survey, TOC @ 380', contacted BLM & obtained verbal approval to perform 1" cmt top job. RIH w/ 1" tbg, cmt w/ 145sx (35bbl) 14.8ppg, 1.36 yield, circ 18sx (6bbl) to surface. Pack-off wellhead to 3600# & test casing slips packoff to 1600#, good test. RIH & tag cmt @ 4198', pressure test csg to 2000# for 30 min, good test. Drill new formation to 4310', perform FIT test EMW=13.0ppg.								
8/23/16 drill 9-7/8" hole to 119 10028-10118', 10215-10305', 29.7# L-80 csg @ 11972', DV	11549-11639', LD coring tool	<ol> <li>RIH w/ logs</li> </ol>	. 9/17/16 R	lH w/ 7-5/8"	nen cmt w/			
14. I hereby certify that the foregoing is	Electronic Submission #3559	912 verified by SA INC., sent	the BLM We to the Carlst	ll Information ad	n System			
Name (Printed/Typed) DAVID ST	EWART	Titl	e SR. RE	GULATORY	ADVISOR			
Signature (Electronic S	ubmission)	Dai	e 10/26/2	016				
	THIS SPACE FOR I	FEDERAL C	R STATE					
					arovals wi	1		
Approved By	. <b>_</b>	_ <u>Ti</u>	le	pending	BLM approvals wi			
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conduct the applicant the	iitable title to those rights in the subj	fice	subsequ and sca					
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent						agency of the United		

### Additional data for EC transaction #355912 that would not fit on the form

#### 32. Additional remarks, continued

1230sx (679bbl) PPC w/ additives 10.2ppg 3.1 yield followed by 450sx (133bbl) PPC w/ additives 13.2ppg, 1.66 yield, no cmt to surface, open DVT w/ 1100#, circ, pump 2nd stage cmt as follows: Pump 30BFW tune spacer then 520sx (287bbl) PPC w/ additives 10.2ppg, 3.1 yield, followed by 200sx (47bbl) PPC w/ additives 14.8ppg, 1.33 yield, circ 62sx (34bbl) cmt to surf, drop cancellation plug, pressure up to 1400# & close DVT, WOC. Install packoff, test to 5000#. RIH & tag DVT, drill out DVT, test casing to 4300# for 30 min, good test. Drill new formation to 11995', perform FIT test EMW=15.3ppg, good test.

9/21/16 drill 6-3/4" pilot hole to 13730' 9/23/16, condition hole, cut cores from 12028-13645', RIH w/ logs. Pump cmt plug w/ 204sx (43bbl)) 50/50 Poz/H cmt 15.6ppg 1.2 yield from 13720-12944', then pump 204sx (43bbl) 50/50 Poz/H cmt 15.6ppg 1.19 yield from 12944-12253', followed by 190sx (40bbl) 50/50 Poz/H cmt 15.6ppg 1.2 yield from 12253-11366', TOOH, WOC. RIH & tag TOC @ 11366'. 9/28/16 RUWL RIH w/ logs & set CIBP @ 11079', RD WL. RIH & set whipstock @ ~11049', mill window from 11027-11060'. Kickoff lateral @ 11061', drill to 16441'M 11613'V, 10/12/16. 10/14/16 RIH & retrieve whipstock, POOH. RIH w/ 4-1/2" 13.5# P110 DQX liner csg @ 16359', TOL @ 10828'. Pump 40BFW spacer then cmt w/ 540sx (160bbl) PPC w/ additives 13.2ppg 1.66 yield. Install packoff, test to 7000#, good test. Install night cap, test to 10000#, good, ND BOP. RD Rel Rig 10/17/16.

Form 3160-5 (June 2015)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY Do not use the abandoned we	5. Lease Serial No. NMNM89819 6. If Indian, Allottee							
SUBMIT IN	7. If Unit or CA/Agr	7. If Unit or CA/Agreement, Name and/or No.						
Type of Well     ☐ Gas Well ☐ Oth		Well Name and No.     PATTON MDP1 18 FEDERAL 6H						
2. Name of Operator OXY USA INC.	Contact: E-Mail: janalyn_m		9. API Well No. 30-015-43854					
3a. Address P.O. BOX 50250 MIDLAND, TX 79710		3b. Phone No. (include area code) Ph: 432-685-5936	10. Field and Pool of WOLFCAMP	Exploratory Area				
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description	)	11. County or Parish	, State				
Sec 18 T24S R31E NENE 150 32,224057 N Lat, 103.809539			EDDY COUNT	EDDY COUNTY, NM				
12. CHECK THE AI	PPROPRIATE BOX(ES)	TO INDICATE NATURE O	F NOTICE, REPORT, OR OT	HER DATA				
TYPE OF SUBMISSION		TYPE OF	ACTION					
☐ Notice of Intent	☐ Acidize	□ Deepen	☐ Production (Start/Resume)	■ Water Shut-Off				
_	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity				
Subsequent Report	□ Casing Repair	☐ New Construction	☐ Recomplete	Other				
☐ Final Abandonment Notice	☐ Change Plans	Plug and Abandon	☐ Temporarily Abandon					
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal					
Convert to Injection Plug Back Water Disposal  13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration the If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zo Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator had determined that the site is ready for final inspection.  RUPU 10/24/16, RIH & clean out to PBTD @ 16308', pressure test csg to 9500# for 30 min, good test. RIH & perf @ 16145-15958, 15898-15711, 15651-15464, 15404-15217, 15157-14970, 14910-14723, 14663-14476, 14416-14229, 14169-13982, 13922-13735, 13675-13488, 13428-13241, 13181-12994, 12934-12747, 12687-12505, 12440-12253, 12193-12006, 11946-11759' Total 432 holes. Frac in 18 stages w/ 3720066g Slick Water + 6006g 15% HCl acid + 1672776g crosslink + 1843758g linear gel w/ 6545760# sand, RD Schlumberger 11/16/16. RIH & clean out, flow to clean up and test well for potential.								

14. I hereby certify that the	e foregoing is true and correct  Electronic Submission #359150 verifie  For OXY USA INC.,								
Name (Printed/Typed)	DAVID STEWART	Title	SR. REGULATORY ADVISOR						
Signature	(Electronic Submission)	Date	11/29/2016						
	THIS SPACE FOR FEDERA	L OR	STATE OFFICE USE						
Approved By		Title	Pending BLM approve.						
certify that the applicant hol	ny, are attached. Approval of this notice does not warrant or ds legal or equitable title to those rights in the subject lease icant to conduct operations thereon.	Office	Pending BLM approvals will  approvals will  pending BLM approvals will  pending BLM approvals will  and scanned  and scanned						
Fitle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.									

## NM OIL CONSERVATION

ARTESIA DISTRICT

NOV 3 0 2016

Form 3160-4 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR

RECEIVED

FORM APPROVED OMB No. 1004-0137

BUREAU OF LAND MANAGEMENT											1	Expires: July 31, 2010			
												5. Lease Serial No. NMNM89819			
1a. Type of Well ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other										6. If	Indian, Alle	ottee o	r Tribe Name		
b. Type o	f Completion	_	ew Well	☐ Work C	ver [	Deeper	n 🗆	Plug	Back	☐ Diff.	Resvr.	7. Ui	nit or CA A	greem	ent Name and No.
Other															
											ell No. 18 FEDERAL 6H				
3. Address	3. Address P.O. BOX 50250														
4. Location	4. Location of Well (Report location clearly and in accordance with Federal requirements)*  10. Field and Pool, or Exploratory WOLFCAMP														
At surfa	At surface NENE 150FNL 505FEL 32.224057 N Lat, 103.809539 W Lon  At tan prod interval reported below. NENE 560ENL 530EEL  At tan prod interval reported below. NENE 560ENL 530EEL														
At top p	orod interval	reported b	elow NEN	IE 560FNL	530FEL								Area Sec		24S R31E Mer 13. State
		SE 45FSI	_500FEL 3			.80905						E	DDY		NM
14. Date S <sub>1</sub> 08/15/2				ate T.D. Rea /17/2016	iched			D&.	Complete A 🛛 0/2016	ed Ready to	Prod.	17. E		DF, KI 26 GL	B, RT, GL)*
18. Total D	Depth:	MD TVD	1644 <sup>-</sup> 11613		Plug Bac	k T.D.;	MI TV			308 613	20. De	oth Brid	ige Plug Se		MD TVD
21. Type E GEMT\	lectric & Oth WAVESON	er Mechai	nical Logs R GR\GE\CL	un (Submit \GR\BV\AC	copy of ea	ch) IRIL\MI	-			Was	well core DST run?		🛛 No 🏻	Yes	s (Submit analysis) s (Submit analysis)
23 Casing a	nd Liner Rec	ord (Reno	ert all strings	set in well)						Dire	ectional Su	rvey?	□ No I	X Yes	s (Submit analysis)
	Size/G			Top	Botto	n Sta	ge Ceme	enter	No. o	f Sks. &	Slurry	Vol.	C and T	Г <b>ж</b>	A Dullad
Hole Size			Wt. (#/ft.)	(MD)	(MD		Depth		Type o	of Cement	<del></del>		Cement T		Amount Pulled
20.000 13.500		.000 J55 .750 J55	84.0 45.5	_		700 290				80 183		205 563		0 0	
9.875	1	625 L80	29.7		<u> </u>	272	6	206		240		1146		0	
6.750	<b>+</b>	00 P110	13.5	1082	+	359		200		54		160		0828	
														-	
24. Tubing															.,
Size	Depth Set (N	(ID) P	acker Depth	(MD) S	Size D	epth Se	(MD)	Pa	acker Der	oth (MD)	Size	De	pth Set (MI	D)	Packer Depth (MD)
25. Produci	ng Intervals					26. Perf	oration l	I Reco	rd						
Fo	ormation		Тор	В	ottom		Perfora	ated 1	Interval		Size	N	lo. Holes		Perf. Status
A)	WOLFO	CAMP		1759	16145			1	1759 TO	16145	0.4	$\overline{}$		ACTI	
B)															
C)															
D)															
	racture, Treat		nent Squeeze	e, Etc.			·	<b>A</b>		1.T	N 4 - 4 2 - 1				
	Depth Interva 1175		145 W/ 3720	066G SLIC	( WATER -	- 6006G	15% HC			I Type of 2776G CR		18437	58G LINEA	R GEL	
28 Product	ion - Interval	A	<u> </u>												
Date First	Test	Hours	Test	Oil	Gas	Water	(	Oil Gra	avity	Gas		Production	on Method		
Produced 11/24/2016	Date 11/29/2016	Tested 24	Production	вві. 297.0	MCF 1116.0	BBL 22	79.0	Согт. А	API <sup>*</sup>	Grav	ity		FLOW	/S FRO	OM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL		Gas:Oi Ratio	1	Well	Status				
19/64	SI	3350.0		297	1116	1	79		3758		POW				
	tion - Interva														
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL		Oil Gra Corr A		Gas Grav			on Method		
Choke	Tbg. Press.	Csg.	24 Hr	Oil	Gas	Water		Gas: Oi	1	Well	Status		-r0\12	als W	- <i>Ili</i>
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL		Ratio		1	anding	BLM	approva be revi	ewe	d
(See Instruct	ions and spac	ces for add	litional data	on reverse s	ide)		I			P	uhsequ	ently	approva be revi		

ELECTRONIC SUBMISSION #359151 VERIFIED BY THE BLM WELL INFORMATION SYSTI

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* and scanned

28h Proc	duction - Interv	al C			<del></del>					- <del></del>		
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	T	Gas	Production Method	<del></del> _	
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API		Gravity			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio		Well Status	- <del>-</del>		
28c. Prod	luction - Interv	al D		<u>.</u>		I	I					
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity	Production Method	·	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oıl Ratio		Well Status			
29. Dispo	osition of Gas	Sold, used	for fuel, veni	ted, etc.)	<u> </u>	<u> </u>						
	nary of Porous	Zones (I	nclude Aquife	ers):					31. Fc	ormation (Log) Markers		
Show tests,	all important	zones of	porosity and c	ontents there			nd all drill-stem nd shut-in pressu	ıres		(======================================		
	Formation		Тор	Bottom		Descrip	tions, Contents,	etc.		Name	Top	
BELL CA	NYON		4304	5090	OII	, GAS, W	/ATER		R	USTLER	Meas. Depth 604	
BELL CANYON CHERRY CANYON BRUSHY CANYON BRUSHY CANYON BONE SPRING 2ND BONE SPRING 3RD BONE SPRING 31. Additional remarks (include plugging procedure): FORMATION (LOG) MARKERS CONTD:  2ND BONE SPRING 32. Additional remarks (include plugging procedure): FORMATION (LOG) MARKERS CONTD:  2ND BONE SPRING 3RD BONE SPRING 3RD BONE SPRING 3RD BONE SPRING 10298' MD WOLFCAMP 11584' MD				OIL OIL OIL OIL OIL	- GAS, W -, GAS, W -, GAS, W -, GAS, W -, GAS, W	/ATER /ATER /ATER /ATER /ATER		SA CA DI BI CA BI	SALADO 967 CASTILE 3095 DELAWARE 4273 BELL CANYON 4304 CHERRY CANYON 5091 BRUSHY CANYON 6533 BONE SPRING 8140			
COM	MENTS:											
1. El	e enclosed attace ectrical/Mecha andry Notice for	nical Log				<ol> <li>Geolog</li> <li>Core A</li> </ol>			3. DST Ro 7 Other:	eport 4. Dir	ectional Survey	
34. I here	by certify that	the foreg	•			•				le records (see attached inst	ructions):	
			Electi	ronic Subm	ission #359 For OXY	151 Verifi 'USA INC	ed by the BLM C., sent to the C	Well Inf Carlsbad	formation S	ystem.		
Name	e (please print)	DAVID :	STEWART				Title	SR. RE	GULATOR	Y ADVISOR		
Signa	ature	(Electro	nic Submissi	ion)			Date	11/29/2	016			
									<u></u>			
Title 18 I	U.S.C. Section nited States any	1001 and false, fic	Title 43 U.S. titious or frad	C. Section 1 ulent statem	212, make i ents or repr	it a crime f esentation:	or any person kr s as to any matte	nowingly r within i	and willfull ts jurisdiction	y to make to any departmen	t or agency	

## Additional data for transaction #359151 that would not fit on the form

### 32. Additional remarks, continued

9/21/16 drill 6-3/4" pilot hole to 13730', condition hole, cut cores from 12028-13645', RIH w/ logs. Pump cmt plug w/ 204sx (43bbl) 50/50 Poz/H cmt from 13720-12944', then pump 204sx (43bbl) 50/50 Poz/H cmt from 12944-12253', followed by 190sx (40bbl) 50/50 Poz/H cmt from 12253-11366', TOOH, WOC. RIH & tag TOC @ 11366'. 9/28/16 RUWL RIH w/ logs & set CIBP @ 11079', RD WL. RIH & set whipstock @ ~11049', mill window from 11027-11060'. Kickoff lateral @ 11061', drill to 16441'M 11613'V.